guide to industrial wastewater fees

for commercial and industrial users





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Sixth Edition



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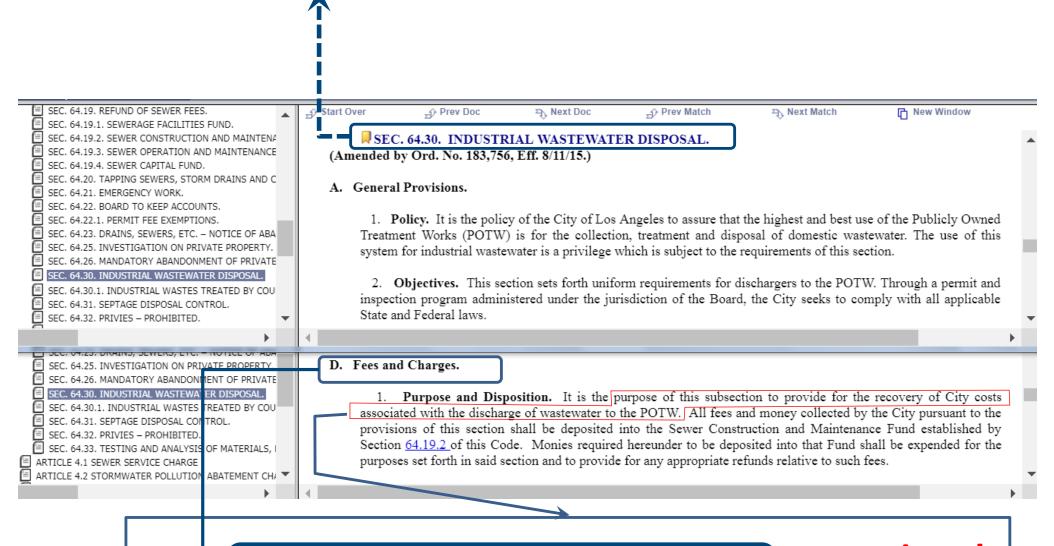
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Sec. 64.30 Industrial Wastewater Disposal



to provide for the recovery of City costs associated Fees and Charges with the discharge of wastewater to the POTW

Industrial Waste Fees

- Permit Application / Application Renewal
- Inspection & Control (I&C) Fee
- Significant Industrial User (SIU) Fee
- Quality Surcharge Fee (QSF)
 - Non-SMR
 - Self Monitoring Report (SMR) Program
 - SMR Zero Based Program
 - Zero Based Industrial
 - Zero Based Sanitary
- Other Fees
 - Private Septage Disposal Facility (PSDF) Fee
 - Sewer Service Charge (Groundwater)
 - Sewer Facility Charge (Groundwater)

Application Fee

\$616.00 Application Fee pays for processing of Permit applications that is collected at the time the application is submitted and is non-refundable

- Review of the Permit Application
- Collection of required information and data
- Inspection of the applicant's facility to verify data
- Data management

Inspection & Control Fee

function of the IU's assigned I&C Class determined at the time of the IUs are permitted depending on the nature of their operations

- Permitting the IU
- •Inspection of the IU
- Sampling IU's discharge
- Providing lab analytical services
- Monitoring the IU's Self-Monitoring
- Inventory control and development
- •Systems development and Data Management
- •Reporting to local, State and Federal authorities

Fee Class	Annual I&C Fee	
IP01	\$423	
IP02	\$845	
IP03	\$1,268	
IP04	\$1,690	
IP05	\$2,113	
IP12	\$5,070	
IP1D	\$85	

Industrial Classification	I & C Fee Class	Inventory
IC 068: Laundries - Self-Service		262
IC 068A: Self-Service Coin Operated Laundry	IP01	169
IC 068B: In-House Residential Laundry - Linen & General		46
IC069: Laundries - Linen & General	1000	259
IC 069A: Dry Cleaning with Laundry	IP03	35
IC 069B: General Laundry		51
IC070: Laundries - Towel & Uniform	IP03	3
IC 070A: Industrial Laundry		2

Significant Industrial User (SIU)Fee

Pays for increase level of services in the areas of activity listed below:

Permitting	of the	SIU*	•
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- Expanded inspection of the SIU*
- Additional sampling SIU's discharge*
- Providing lab analytical services
- Monitoring the SIU's Self-Monitoring*
- Additional inventory control and development
- Additional systems development and data management
- Additional reporting to local, State
 and Federal authorities*

SIU Group	Annual SIU Fee
SIU I	\$7,257
SIU II	\$7,020
SIU III	\$3,843
SIU IV	\$6,002
SIU V	\$4,357
SIU VI	\$4,085

^{*} Required by Federal Regulation

SIU Group and Classification

- I Categorical Industrial Users with an average discharge equal to or greater than 10,000 gallons per day
- II Categorical Industrial Users other than Electroplaters with an average discharge less than 10,000 gpd
- III Category 413 Industrial Users (Electroplaters) with an average discharge less than 10,000 gallons per day
- IV Non-Categorical Industrial Users with an average discharge of equal to or greater than 250,000 gallons per day
- V Non-Categorical Industrial Users with an average discharge of equal to or greater than 40,000 gallons but less than 250,000 gallons per day
- VI Non-Categorical Industrial Users with an average discharge of equal to or greater than 25,000 gallons but less than 40,000 gallons per day, OR; any industrial user that is designated by the Director to have a reasonable potential to adversely affect the POTW's operation or for violating any pretreatment standards or requirement.

Industrial Classification	Fee Class	Inventory		SIU ROUP
IC 068: Laundries - Self-Service		262		
IC 068A: Self-Service Coin Operated Laundry	IP01	169		
IC 068B: In-House Residential Laundry - Linen & General		46		
IC069: Laundries - Linen & General		259		
IC 069A: Dry Cleaning with Laundry	IP03	35		
IC 069B: General Laundry		51	6 2	SI05 SI06
IC070: Laundries - Towel & Uniform		3		
IC 070A: Industrial Laundry	IP03	2	1	SI05

Quality Surcharge Fee (QSF)

assessed for IW with higher than domestic strength of Biochemical Oxygen Demand-BOD (>265 mg/l) and Suspended Solids-SS (>275 mg/l)
pays for the removal of the required waste treatment and removal of the increased wastewater strength

QSF CALCULATION:

C=V[a(SS-DSS)+b(BOD-DBOD)]k

C = Quality Surcharge Fee

V = Average Daily Flow

SS = Suspended Solids in mg/l

BOD = BOD in mg/l

DSS = Designated SS in mg/l = 275 mg/l

DBOD = Designated BOD in mg/l = 265 mg/l

a = verifiable cost assessed per pound SS

b = verifiable cost assessed per pound BOD

 $k = (365 \times 8.34) / 1,000,000$

Types of QSF

- No Surcharge
- Non-SMR
- Self Monitoring Report (SMR) Program
- SMR Zero Based

Program

☐ Zero Based

Industrial

☐ Zero Based Sanitary

Industrial Classification	Fee Class	Surcharge Type	Inventory
IC 068: Laundries - Self-Service			262
IC 068A: Self-Service Coin Operated Laundry	IP01	No Surcharge	169
IC 068B: In-House Residential Laundry - Linen & General			46
IC069: Laundries - Linen & General		Quality Surcharge Fee	259
IC 069A: Dry Cleaning with Laundry	IP03	IWA BOD: 550 mg/l IWA SS: 368 mg/l	35
IC 069B: General Laundry		144A 33. 300 mg/1	51
IC070: Laundries - Towel & Uniform	IP03	Quality Surcharge Fee IWA BOD: 576 mg/L	3
IC 070A: Industrial Laundry		IWA SS: 660 mg/L	2

Quality Surcharge Fee (QSF)

Given: IC 070A: Industrial Laundry

Flow 95,464 gal/day

Lab Result BOD = 1,786 mg/l Lab Result SS = 313 mg/l BOD Rate = \$ 0.604/lb SS Rate = \$ 0.608/lb

Annual QSF

$$= FLOW \frac{gal}{day} x \left(\left(\left[\frac{\$SS \ rate}{lb} \right] x [SS_{ave} - 275] \frac{mg}{L} \right) + \left(\left[\frac{\$BOD \ rate}{lb} \right] x [BOD_{ave} - 265] \frac{mg}{L} \right) x 365 \ days \ x \left(8.34 \ x \ 10^{-6} \ \frac{L}{gal} \bullet \frac{lb}{mg} \right)$$

Quarterly QSF = \$68,421.36



CITY OF LOS ANGELES

Department of Public Works, Bureau of Sanitation 2714 Media Center Dr. Los Angeles, CA 90065

INVOICE

Invoice Number: XXXXXXXXXXX Permit Number: W-XXXXXX District: 04 Billing Frequency: Quarterly

GALLONS/DAY

Invoice Date: 12/15/2022 Payment Due Date: 01/01/2023 Delinquent Date: 02/01/2023

Late Payment Warning: Mail payment before February 01, 2023 to avoid a 2.5% penalty (\$10 minimum)

BUSINESS NAME CONTACT PERSON BILLING ADDRESS

WASTEWATER FLOW: 95464 GALLONS/DAY INSP CLASS: IP03 SUSPENDED SOLIDS: 313 MG/LITER SANITARYFLOW: 2700

MG/LITER

BIOCHEMICAL OXYGEN DEMAND: 1786

Billing Period Amount Description PAST DUE BALANCE: \$0.00 **CURRENT CHARGES** CLASS 3 INSPECTION AND CONTROL FEE 10/01/2022-12/31/2022 \$317.00 FEE NCAT SIU W/FLOW= OR 40K & 250K GPD \$1,089.25 10/01/2022-12/31/2022 QUALITY SURCHARGE FEE 10/01/2022-12/31/2022 \$68,421,36 TOTAL AMOUNT DUE: \$69,827.61

- Pay Online at https://ipn2.paymentus.com/rotp/lasn
- Pay by Mail. Please cut the lower portion of invoice on the dotted line. Include this portion along with your check. DO NOT SEND CASH.
- Call (323)342-1518 if you have any questions about your bill.
- · Notify us in writing if ownership or billing address has changed. [Address is for correspondence only]

Attention: Surcharge and Billing Industrial Waste Management Division 2714 Media Center Drive Los Angeles, CA 90065





Invoice Number: XXXXXXXXXX Permit Number: W-XXXXXX

Amount Due: \$69,827.61 Amount Enclosed: \$ Write your Permit No. on your check

Mail Payment to:

City of Los Angeles, PW Sanitation - IWB P. O. Box 102878 Pasadena, CA 91189-2878

Late Payment Warning:

Mail before the delinquent date February 01, 2023 to avoid a 2.5% penalty (\$10 minimum)

XXXXXXXXXX 1 WPXXXXXX 9 00006982761 0 6

IWMD Programs

Surcharge Self Monitoring Report (SMR) Program

- ➤ Permittees discharging 40,000 gpd or more are assigned to Surcharge Self-Monitoring Program
- ➢ Permittees discharging less than 40,000 gallons per day (gpd) are billed based on the City's Industry Wide Average (IWA) concentration for BOD and SS. (Non-SMR Surcharge). A permittee disputing the City's IWA values may apply to be in the Surcharge Self Monitoring Program and billing is based flow weighted average of lab certified results of BOD & SS
- Permittee will be assigned to Surcharge Self-Monitoring requirements

IWMD Programs

Zero Based Surcharge (SMR) Program

- ➤ Permittee must submit analytical data of discharge at the time of petition to demonstrate that the strength is below the domestic strength for BOD & SS. Permittee must petition, in writing to be placed on the Zero-Based QSF
- > Permittee shall install a sampling facility
- ➤ Permittee will be assigned to Surcharge Self-Monitoring requirements

Industrial Classification	Fee Class	Inventory	SMR PROGRAM	SIU GROUP
IC 068: Laundries - Self-Service	IP01	262		
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IC069: Laundries - Linen & General	IP03	259	1 LIU SMR	
IC 069A: Dry Cleaning with Laundry		35		
IC 069B: General Laundry		51	8 SIU SMR	6 SI05 2 SI06
IC070: Laundries - Towel & Uniform	IP03	3		
IC 070A: Industrial Laundry		2	1 LIU SMR 1 SIU SMR	1 SI05